



Understanding Symptoms and Transmission of Dengue Fever as Cases Increase in the US

Description

Video - Understanding Dengue Fever: Symptoms

Mosquitoes are spreading dengue fever at alarming rates across the Americas, putting U.S. travelers at risk of bringing the potentially life-threatening virus back home. Health officials in the U.S. are concerned about the increasing number of infections and the potential for sustained local transmission.

Experts warn that more people will be infected as summer approaches and hurricane season hits. Climate change is creating conditions that allow the dengue-transmitting *Aedes aegypti* mosquito to thrive, posing a significant threat.

The U.S. has already seen a surge in dengue cases, surpassing any year in the last decade. Travel-related infections are on the rise, with Puerto Rico declaring a public health emergency due to local transmission.

The Centers for Disease Control and Prevention has issued a health advisory warning about the increased risk of dengue in the U.S. Recent extreme weather events, such as Hurricane Beryl, provide breeding grounds for mosquitoes and the spread of dengue.

Preventing mosquito bites is crucial, as there is currently no widely available vaccine for dengue. Vigilance, protection, and awareness are key in combating the spread of this dangerous virus.

Vocabulary List:

1. **Dengue** /'dɛŋgeɪ/ (noun): A viral disease transmitted by mosquitoes characterized by high fever severe headache pain behind the eyes and joint and muscle pain.
2. **Transmission** /trænz'mɪʃən/ (noun): The act or process of transmitting something often referring to diseases.
3. **Infection** /ɪn'fɛkʃən/ (noun): The invasion and multiplication of microorganisms in body tissues which can lead to disease.
4. **Vigilance** /'vɪdʒɪləns/ (noun): Careful watchfulness for possible danger or difficulties.
5. **Surge** /sɜːrdʒ/ (noun): A sudden powerful forward or upward movement often used in the context of an increase in numbers or intensity.
6. **Climate Change** /'klaɪmət tʃeɪndʒ/ (noun): Long-term alteration in temperature and typical weather patterns in a place often attributed to human activity.

Comprehension Questions



Multiple Choice

1. What is the main concern of health officials in the U.S. regarding dengue fever?
Option: Increased mosquito population
Option: Potential local transmission
Option: Climate change impact
Option: Vaccine availability
2. Which mosquito is responsible for transmitting dengue fever?
Option: Anopheles mosquito
Option: Culex mosquito
Option: Aedes aegypti mosquito
Option: Asian tiger mosquito
3. What factor allows the Aedes aegypti mosquito to thrive according to experts?
Option: Winter season
Option: Air pollution
Option: Climate change
Option: Deforestation
4. What recent extreme weather event is mentioned in relation to dengue transmission?
Option: Blizzard
Option: Heatwave
Option: Hurricane Beryl
Option: Tornado
5. What is emphasized as crucial for preventing dengue fever in the absence of a vaccine?
Option: Utilizing insect repellents
Option: Increasing mosquito population
Option: Wearing sunscreen
Option: Avoiding fruits
6. Why are travel-related infections on the rise according to the text?
Option: Lack of awareness
Option: Increased airline prices
Option: Hurricane impact
Option: Local transmission



Answer

Multiple Choice: 1. Potential local transmission 2. Aedes aegypti mosquito 3. Climate change 4. Hurricane Beryl 5. Utilizing insect repellents 6. Local transmission

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)

1. What documents are provided by physicians for medication?
Option: Identification
Option: Prescriptions
Option: Certificates
Option: Receipts
2. What type of methods are used to prevent pregnancy?
Option: Contraceptive
Option: Antibiotics
Option: Painkillers
Option: Vitamins
3. What condition is characterized by a decline in cognitive function?
Option: Diabetes
Option: Hypertension
Option: Dementia
Option: Arthritis
4. Which term refers to the standard or degree of excellence?
Option: Weight
Option: Quantity
Option: Quality
Option: Speed
5. How is a disease passed from one person to another referred to as?
Option: Transition
Option: Transgression
Option: Transmission
Option: Transcription



6. What are the expenses associated with goods or services called?

- Option: Profits
- Option: Costs
- Option: Savings
- Option: Income

7. What is the ability to make decisions independently called?

- Option: Leadership
- Option: Dependency
- Option: Autonomy
- Option: Guidance

8. What is the act of satisfying desires or impulses?

- Option: Control
- Option: Restraint
- Option: Temperance
- Option: Indulgence

9. What term is used to describe a sudden large increase or rise?

- Option: Decline
- Option: Stagnation
- Option: Plummet
- Option: Surge

10. What is the action or state of keeping careful watch for possible danger called?

- Option: Negligence
- Option: Vigilance
- Option: Carelessness
- Option: Indifference

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. Overcoming _____ is a part of personal growth.

12. Consuming too much _____ food can be detrimental to health.

13. Foods that are _____ tend to have high energy content.

14. To apply for the scholarship students must meet certain _____ criteria.

15. Recognizing your _____ is essential for personal development.



16. It is important to ensure that meals are balanced and _____ adequate.
17. Justice should be _____ and fair for all individuals.
18. The doctor _____ that the patient follow a specific diet plan.
19. Enjoying treats in _____ is key to a balanced diet.
20. The list of _____ used in the recipe should be checked for allergens.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

21. The new regulations impacted the industry .
22. The website is designed to be easily on various devices.
23. The latest fashion is minimalist clothing.
24. Individuals may seek to manage stress and anxiety.
25. Preventing mosquito bites can help reduce the risk of contracting .
26. Highly foods often contain added sugars and preservatives.
27. Engaging in puzzles can help maintain abilities.
28. With age there may be a in muscle mass if not actively maintained.
29. is considered a significant global environmental concern.
30. Regular handwashing can help prevent the spread of germs and .

Answer

Multiple Choice: 1. Prescriptions 2. Contraceptive 3. Dementia 4. Quality 5. Transmission 6. Costs 7. Autonomy 8. Indulgence 9. Surge 10. Vigilance

Gap-Fill: 11. Difficulties 12. Processed 13. Calorie-dense 14. Eligibility 15. Limitations 16. Nutritionally 17. Equitable 18. Recommended 19. Moderation 20. Ingredients

Matching sentence: 1. Significantly 2. Accessible 3. Trend 4. Counseling 5. Dengue 6. Processed 7. Cognitive 8. Decline 9. Climate Change 10. Infection



CATEGORY

1. Health - LEVEL2

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Author

aimeeyoung99

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